

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

JULY, 1928

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JULY 1928

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun- shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	754.6	754.4	755.2	754.7	30.4	22.7		13.1	
2	4.6	4.1	4.8	4.5	31.0	23.1		13.3	
3	4.2	4.0	4.4	4.2	31.1	23.3		13.2	
4	4.6	4.1	4.1	4.3	30.9	23.1		13.2	
5	754.8	5.0	5.5	5.1	30.6	23.4		13.2	
6	755.1	755.4	755.8	755.4	31.2	22.2		13.2	
7	5.1	5.0	5.3	5.1	30.8	22.2		13.1	
8	5.0	4.5	4.9	4.8	30.7	23.9		13.3	
9	5.2	5.3	5.6	5.4	31.5	24.7		12.8	
10	6.0	6.1	6.6	6.2	31.7	24.6		12.8	
11	756.4	756.2	756.2	756.3	31.1	23.6		13.1	
12	5.6	5.2	5.6	5.5	31.1	24.0		12.5	
13	4.8	4.8	5.2	4.9	31.6	23.1		12.8	
14	5.3	5.3	5.7	5.4	30.5	23.4		13.2	
15	5.3	4.6	5.4	5.1	31.4	23.8		13.0	
16	754.2	754.0	754.2	754.1	32.2	24.1		13.1	
17	5.0	5.0	5.2	5.1	31.4	23.9		13.0	
18	5.1	4.9	5.3	5.1	31.2	24.5		13.0	
19	5.3	5.3	5.9	5.5	31.3	25.0		13.0	
20	6.3	6.3	6.8	6.5	31.6	24.8		13.2	
21	756.7	756.8	756.9	756.8	31.6	23.9		13.1	
22	6.2	6.1	5.9	6.1	32.2	24.2		13.1	
23	5.7	5.1	4.9	5.2	31.6	22.9		13.2	
24	3.9	3.5	4.1	3.8	31.0	24.4		12.8	
25	3.8	3.4	4.3	4.0	32.2	26.0		12.8	
26	755.1	755.0	755.6	755.2	32.5	25.2		12.8	
27	5.5	4.9	4.7	5.0	32.0	23.9		12.4	
28	4.7	4.4	4.9	4.7	31.6	24.2		12.8	
29	4.7	4.1	4.8	4.5	31.7	24.3		12.8	
30	4.4	4.2	4.8	4.5	31.9	24.6		12.8	
31	4.4	4.3	4.7	4.5	32.8	24.5		13.0	
	755.09	754.88	755.28	755.08	31.43	23.92		12.99	

BAROMETER

Maximum

756.9 on 21st

Minimum

753.4 on 25th

THERMOMETER

Maximum

32.8 on 31st

Minimum

22.2 on 5th, & 6th

RAINFALL

Maximum

0 on 0

Number of days with rain 0, fog 0, thunderstorms 0, gale 0

JULY 1928

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	27.8	29.8	25.8	27.8	24.7	24.9	23.5	20.4	18.4	19.7	19.5	74	59	79	71
2	27.8	30.3	26.0	28.0	24.2	25.4	23.4	19.4	20.0	19.2	19.5	70	61	77	69
3	26.9	30.2	25.8	27.6	24.2	25.2	23.7	19.6	18.5	20.1	19.4	72	58	81	70
4	28.1	30.2	26.1	28.1	24.7	25.2	23.8	20.1	19.6	20.0	19.9	72	61	80	71
5	28.3	30.6	25.8	28.2	24.6	25.2	23.6	19.7	19.4	19.8	19.6	69	58	80	69
6	27.4	30.1	25.3	27.6	23.7	24.3	23.1	18.7	18.0	19.2	18.6	68	57	80	68
7	27.9	29.5	25.8	27.7	23.3	24.3	23.3	17.8	18.4	19.2	18.5	64	60	77	67
8	28.7	31.2	26.2	28.7	24.6	25.3	23.9	19.5	19.1	20.1	19.6	67	55	79	67
9	28.6	31.1	26.2	28.6	24.2	25.3	23.7	18.8	19.4	19.7	19.3	64	57	78	66
10	29.1	30.9	26.3	28.8	24.2	25.2	23.9	18.6	19.2	20.0	19.3	61	57	78	65
11	28.3	30.3	26.4	28.3	24.6	24.8	23.9	19.8	18.9	20.1	19.6	69	59	78	69
12	28.9	31.2	26.6	28.6	25.0	25.6	24.0	20.2	19.6	20.0	19.9	68	58	77	67
13	27.5	29.8	25.6	27.6	23.7	24.8	23.4	18.7	19.2	19.6	19.2	69	61	79	70
14	29.0	30.6	25.9	28.5	24.2	25.4	23.8	18.5	19.9	19.5	19.3	62	61	77	67
15	29.4	31.8	27.1	29.8	23.9	25.3	24.8	17.8	18.1	21.2	19.0	58	52	81	64
16	28.7	30.6	26.3	28.5	24.3	24.8	23.8	19.0	18.6	19.9	19.2	64	57	78	66
17	28.0	30.2	26.6	28.3	23.8	24.0	23.3	18.6	17.4	18.5	18.2	66	56	71	64
18	28.6	30.3	26.6	28.5	24.4	25.2	24.1	19.2	19.6	20.1	19.6	66	60	77	68
19	28.1	30.8	26.6	28.5	25.4	25.7	23.3	21.0	19.9	18.6	19.8	71	58	71	67
20	29.8	30.3	26.7	28.9	24.6	25.9	24.7	18.8	20.3	21.5	20.2	60	62	83	68
21	28.9	31.2	26.7	28.9	25.6	25.8	23.8	21.5	20.2	19.6	20.4	72	60	75	69
22	29.0	30.8	26.5	28.8	24.5	24.5	23.4	19.1	17.9	18.8	18.6	63	53	74	63
23	28.0	30.3	26.7	28.3	24.3	24.6	23.9	17.8	18.5	19.8	18.7	63	57	76	65
24	29.3	31.3	27.8	29.5	25.9	25.8	25.1	22.0	21.7	21.3	21.7	72	73	77	74
25	29.3	31.7	27.4	29.5	26.0	26.2	24.2	22.0	20.6	20.2	20.9	72	59	75	69
26	29.0	31.2	26.9	29.0	25.2	25.7	24.5	20.5	19.9	20.7	20.4	69	59	79	69
27	28.5	30.6	26.5	28.5	24.5	25.3	24.2	19.4	19.6	20.5	19.8	66	60	79	68
28	29.2	31.3	26.6	29.0	25.2	26.1	24.2	20.5	20.6	20.4	20.5	68	60	79	69
29	28.9	31.2	27.8	29.3	25.6	26.2	25.4	21.3	20.8	22.2	21.4	72	60	80	71
30	29.3	31.8	27.3	29.5	25.6	26.3	25.2	21.2	20.3	20.6	20.7	69	58	70	66
	28.7	31.9	26.8	29.1	25.4	26.8	25.4	21.2	21.5	22.8	21.8	72	61	88	74
	28.55	30.74	26.47	28.58	24.65	25.33	24.01	19.70	19.46	20.09	19.75	67.5	58.9	77.8	68.1

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Gravity Correction - 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

JULY 1928

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	0	3str.cu	8ni	3.7	4s	3	0	118.7	mod.	mist in a.m.
2	1	1str.cu	0	0.7	3	4	0	124.1	"	
3	0	0	0	0.0	2	3	0	57.5	light	haze in a.m.
4	1str.cu	1str.cu	0	0.7	2	2	0	41.0	"	
5	1	2str.cu	0	1.0	1	2	0	83.4	"	haze in a.m.
6	1str.cu	2str.cu	0	1.0	1w	3	0	89.6	"	
7	1	4str.cu	0	1.7	1	4s	0	100.3	mod.	mist in a.m.
8	2	2str.cu	0	1.3	2	4	1	145.0	"	
9	1	1	0	0.7	1	3	1	178.6	"	
10	2	1	0	1.0	2	3	0	173.4	"	
11	1str.cu	0	0	0.3	1	3	0	86.6	light	
12	4str.cu	2str.cu	2str.	2.7	3	3	0	114.4	mod.	haze in a.m.
13	2str.cu	1	0	1.0	1	2	0	76.2	light	
14	0	1str.	0	0.3	1nw	1nw	0	44.0	"	haze in a.m.
15	1	0	0	0.3	1	3	0	83.3	"	
16	0	1	0	0.3	2	3	0	98.2	"	
17	2str.cu	2	0	1.3	1	1w	0	98.3	"	
18	2	3str.cu	0	1.7	0	1w	0	73.8	"	gen. br. a.m.
19	1str.	1str.cu	0	0.7	1	2	0	80.4	"	
20	0	1	0	0.3	0	2	0	72.1	calm	gen. br. a.m.
21	1	0	0	0.3	1w	2w	0	60.0	"	
22	0	4	0	1.3	1	2	0	74.3	light	
23	1str.cu	0	0	0.3	1	2w	1	112.1	mod	
24	1str.	1str.cu	9str.ni	3.7	2	4	0	177.7	"	mist d. day
25	4str.cu	2str.cu	2str.cu	2.7	3	4s	2w	232.7	slight	mist d. day
26	2str.	1str.cu	6str.cu	3.0	3s	4	0	96.0	mod.	mist d. day
27	3str.cu	2str.cu	0	1.7	0	3w	0	107.7	"	mist d. day
28	3str.cu	0	4str.cu	2.3	1s	3	0	85.9	light	mist d. day
29	2	0	8str.cu	3.3	1	3	0	74.6	light	mist d. day
30	2str.cu	1	0	1.0	0	2	0	121.2	mod.	gen. br. a.m.
31	1str.cu	3str.cu	0	1.3	1w	2	0	124.4	light	haze d. day
				1.34				104.82		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	3	20	3	1	4
2:30	0	0	0	0	2	23	5	1	0
8:30	0	0	0	0	0	2	1	0	28
Totals	0	0	0	0	5	45	9	2	32

N. B. — Cloud numbers without letters are all cumuli.
Wind " " " " " S.W.